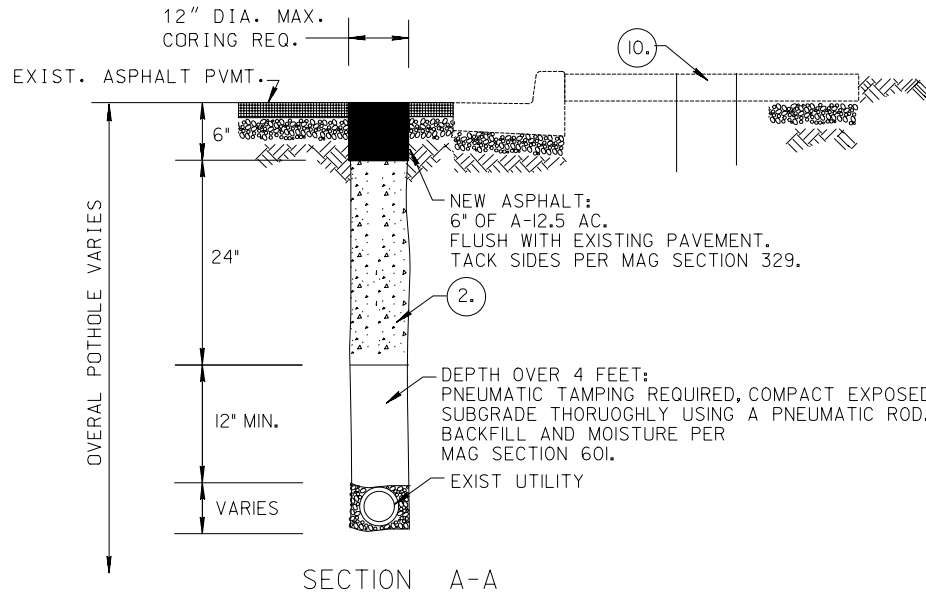
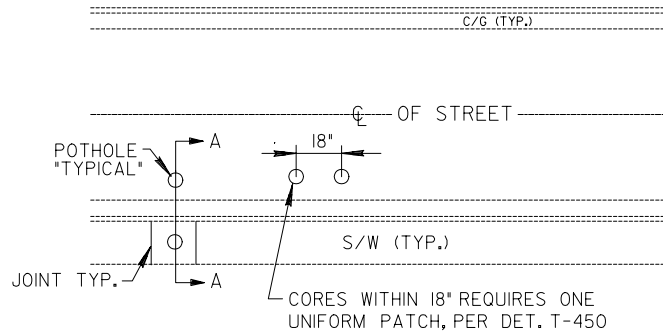


UTILITY POTHOLING IN C.O.T. R/W



SECTION A-A

UTILITY POTHOLING

NOTES

1. AN ENGINEERING RIGHT OF WAY PERMIT IS REQUIRED FOR ALL WORK DONE IN THE RIGHTS OF WAY.
2. A 6" HOT MIX PERMANENT PATCH WILL BE PLACED OVER ONE OF THE FOLLOWING BACKFILL SECTIONS.
 - NATIVE BACKFILL WITH 10% CEMENT BY WEIGHT MIXED THROUGH OUT.
 - NATIVE BACKFILL WITH TOP TWO FEET CONSISTING OF PRE-MIX CONCRETE.
 - "PEA GRAVEL" FOR FULL DEPTH ON HOLES TO BE RE-EXCAVATED.
 - LEAN-MIX BACKFILL FOR FULL DEPTH, AS SHOWN BELOW.

LEAN MIX BACKFILL: PER YD. QNTY.
 42Kg. (94Lbs.) - PORTLAND CEMENT
 180Kg. (400 Lbs.) - WATER
 1596Kg. (3547 Lbs.) - ABC
 APPROXIMATE PROPORTIONS OF:
 55% COARSE AGGREGATE
 (ASTM-C-33 SIZE 57)
 45% FINE AGGREGATE
 (CONFORM TO SEC. 701.3)
3. NO STEEL PLATES OR PLUGS WILL BE ALLOWED IN ARTERIAL STREETS.
4. AN APPROVED TRAFFIC CONTROL PLAN MUST BE WITH THE CREW.
5. UNAUTHORIZED NIGHT-TIME DIGGING WILL NOT BE ALLOWED.
6. AT LEAST ONE HOLE AT EACH LOCATION MUST BE MARKED WITH THE INITIALS OF THE EXCAVATING COMPANY. A SPRAY PAINT STENCIL IS ACCEPTABLE.
7. ALL POTHoles MUST BE PERMANENTLY PATCHED WITHIN SEVEN WORKING DAYS OF COMPLETION OF WORK.
8. THE COMPANY DOING THE ACTUAL LOCATING WILL BE HELD ACCOUNTABLE FOR THE PERMANENT PATCH.
9. POTHoles ON CONCRETE SIDEWALK RAMPS REQUIRE REMOVAL AND REPLACE ENTIRE CONCRETE RAMP PER C.O.T. DETAIL'S.
10. POTHoles ON CONCRETE SIDEWALKS OR DRIVEWAYS REQUIRE REMOVAL AND REPLACEMENT OF CONCRETE FROM JOINT TO JOINT, PER C.O.T. DETAIL'S.
11. ALL BROKEN OR DISPLACED CONCRETE CURB & GUTTER, SIDEWALK, AND ASPHALT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE CITY OF TEMPE ENGINEERING DIVISION.
12. ALL SPRINKLER, IRRIGATION SYSTEMS AND ANY OTHER UTILITIES THAT ARE DISTURBED IN THE COURSE OF THE WORK IN AREAS WHERE LANDSCAPE WILL REMAIN SHALL BE REPAIRED. THE REPAIRED SYSTEM SHALL MEET OR EXCEED THE CONDITIONS EXISTING PRIOR TO THE DISTURBANCE.
13. ALL TURF AND DESERT LANDSCAPING THAT ARE DISTURBED IN THE COURSE OF THE WORK SHALL BE REPAIRED. THE REPAIRS SHALL MEET OR EXCEED THE CONDITIONS EXISTING PRIOR TO THE DISTURBANCE.

ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE

APPROVED: _____
DEPUTY PUBLIC WORKS MANAGER DATE
CITY ENGINEER



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

PERMANENT BACKFILL AND ASPHALT
REPLACEMENT FOR UTILITY POTHoles

DETAIL T-456

2004